

Converting Colors

XYZ(74.6273, 45.3414, 70.4764)

Have a look what the booklet for
XYZ(74.6273, 45.3414, 70.4764)
contains.

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Color

**XYZ(59.3403, 37.4216,
69.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6ED9
RGB	255, 110, 217
RGB Percent	100%, 43%, 85%
CMY	0.0000, 0.5686, 0.1490
CMYK	0.00, 0.57, 0.15, 0.00
HSL	316°, 100%, 72%
HSV	316°, 57%, 100%
XYZ	59.3403, 37.4216, 69.7412
YIQ	165.5530, 52.0730, 64.0170

Conversions

Conversions Part 2

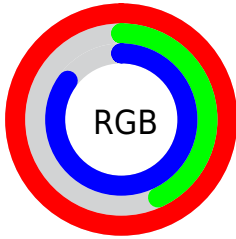
Format	Color
R _Y B	255, 110, 217
Decimal	16740057
CIE Lab	67.59, 67.03, -28.28
CIE LCh	68, 72.750, 337.127
Yxy	37.4216, 0.3564, 0.2248
Android (android.graphics.Color)	4294930137 (0xFFFF6ED9)
YUV	165.5530, 25.3634, 78.4450
Hunter-Lab	61.1732, 66.0986, -24.7730

Details

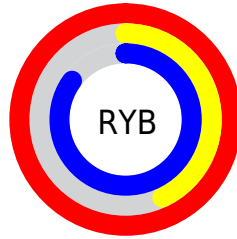
The XYZ color **59.3403, 37.4216, 69.7412** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.5372, 76.9738, 40.3717**, and the grayscale version is **35.8954, 37.7648, 41.1259**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **30.1679, 16.4919, 35.7757** is the 20% darker color. If you saturate the color by 10%, you get **56.1223, 32.3487, 64.4665**, and if you desaturate by 10%, it is **63.3866, 44.0946, 75.4666**.

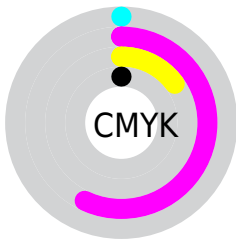
Distribution



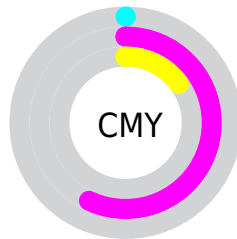
- Red (100%)
- Green (43%)
- Blue (85%)



- Red (100%)
- Yellow (43%)
- Blue (85%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3403, 37.4216, 69.7412 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.3403, 37.4216, 69.7412 by changing the saturation by 10% instead.


 59.3403, 37.4216,
69.7412


 59.3403, 37.4216,
69.7412


412.0357,
335.1322, 478.4053


 43.1345, 25.5341,
50.8401

 102.9839, 71.2207,
120.5173

 30.1857, 16.4754,
35.7055

 131.1524, 93.9011,
153.2293

 20.1283, 9.8612,
23.9189


 164.0393,
120.9480, 191.3820

 12.5972, 5.3070,
15.0619

202.0098,
152.7456, 235.3940

 7.2268, 2.4285,
8.7157

245.4294,
189.6785, 285.6838

 3.6519, 0.8405,
4.4619

294.6633,

 1.5072, 0.0000,

232.1309, 342.6699

1.8820

350.0769,
280.4874, 406.7709

■ 0.3307, 0.0000,
0.4813

■ 0.0000, 0.0000,
0.0000

■ 59.3403, 37.4216,
69.7412

■ 59.3403, 37.4216,
69.7412

■ 56.1223, 32.3487,
64.4665

■ 63.3866, 44.0946,
75.4666

■ 53.6597, 28.7308,
59.6148

■ 68.3207, 52.4861,
81.6631

■ 51.8706, 26.4051,
55.1572

■ 74.1993, 62.7093,
88.3522

■ 50.6506, 25.1633,
51.0568

■ 81.0739, 74.8661,
95.5528

■ 50.3355, 24.8982,
49.8261

■ 88.9919, 89.0508,
103.2827

95.0500, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.2212, 37.4216, 112.3945



59.3403, 37.4216, 69.7412



61.5151, 37.4216, 33.5596

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3403, 37.4216, 69.7412



32.9614, 37.4216, 5.0667



21.0076, 37.4216, 90.4872

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.3403, 37.4216, 69.7412



47.5372, 76.9738, 40.3717

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.1872, 37.4216, 48.8908



59.3403, 37.4216, 69.7412



24.0846, 37.4216, 8.6937

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3403, 37.4216, 69.7412



44.6165, 37.4216, 6.2366



19.1815, 37.4216, 21.1608



27.8341, 37.4216, 128.1345

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3403, 37.4216, 69.7412



58.3945, 37.4216, 18.5902



19.1815, 37.4216, 21.1608



19.6329, 37.4216, 75.8519

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.3412, 37.4233, 69.7419



80.9704, 74.6819, 95.4482



35.5263, 24.5079, 97.4658



17.0184, 15.4292, 20.1116



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3412, 37.4233, 69.7419



55.8048, 31.8655, 63.8924



52.0249, 34.4967, 31.2150



18.5774, 18.2143, 21.6580



26.3660, 13.0357, 26.3756



2.6121, 1.2872, 2.8046

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.3412, 37.4233, 69.7419



55.8048, 31.8655, 63.8924



54.9449, 79.9369, 79.3801



18.5774, 18.2143, 21.6580



26.3660, 13.0357, 26.3756



2.6121, 1.2872, 2.8046

Previews

White Background



This preview shows how the XYZ color 59.3403, 37.4216, 69.7412 looks on a white background.

Color Contrast Check

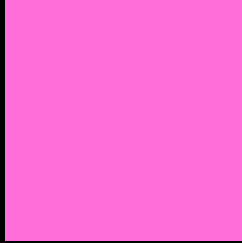
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.3403, 37.4216, 69.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3403, 37.4216, 69.7412

Background



This preview shows how black text looks on a background with the XYZ color 59.3403, 37.4216, 69.7412.



This preview shows how white text looks on a background with the XYZ color 59.3403, 37.4216,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.3403, 37.4216, 69.7412

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.5295, 37.7132, 65.5703



Tritanopia

50.7955, 37.3096, 28.5690

Trichromacy



Original Color

59.3403, 37.4216, 69.7412



Protanomaly

43.6041, 35.2259, 87.7202



Deuteranomaly

43.6984, 35.7358, 66.8819



Tritanomaly

53.3589, 37.0331, 40.8950

Monochromacy



Original Color

59.3403, 37.4216, 69.7412



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

42.3245, 36.0663, 50.6297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3403, 37.4216, 69.7412 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 110, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 110, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.3403, 37.4216, 69.7412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 110, 217) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 110, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 110, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 110, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 110, 217); box-shadow:4px 4px 4px 4px rgb(255, 110, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3403, 37.4216, 69.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
110, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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